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Patent Abstracts of Japan

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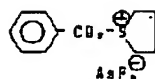
APPLICATION DATE : 12-06-90
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APPLICANT : JUJO PAPER CO LTD;

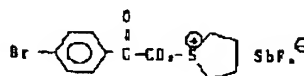
INVENTOR : HATA KUNIO;

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G03F 7/033 G03F 7/038

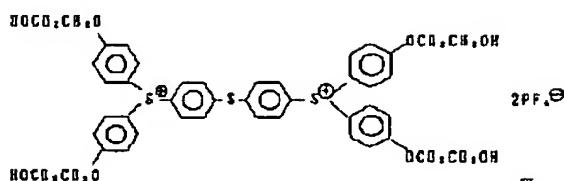
TITLE : COLORABLE AND CURABLE
COMPOSITION AND COLORED AND
CURED PRODUCT THEREFROM



I



II



2PF₆[⊖]

III

ABSTRACT : PURPOSE: To provide the subject composition giving colored cured products having excellent durability, excellent light resistance, etc., when irradiated with energy rays, etc., by compounding a cation-polymerizable organic compound, a specific leuco dye and an aromatic onium salt as main components.

CONSTITUTION: The objective composition comprises (A) a cation-polymerizable organic compound polymerizable into a high molecular weight state (e.g. an epoxy compound), (B) a leuco dye having a lactone ring and (C) an aromatic onium salt (e.g. compound of formulas I, II or III) as main components (may contain a radical polymerization initiator or a radical polymerizable compound). The composition is irradiated with energy rays or heated to provide a colored and/or cured product.

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